

Kitemark™ Certificate

This is to certify that:

I G Doors Ltd
Lon Gellideg
Oakdale Business Park
Blackwood
NP12 4AE
United Kingdom

Holds Certificate Number:

KM 600236

In respect of:

BS 8529 / PAS24
Enhanced Security Composite Door Fabricator

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Chris Lewis - Certification Director, Product Certification

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Latest Issue: 2020-10-16

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...making excellence a habit.™

Kitemark™ Certificate

No. KM 600236

BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

HD Composite Residential Door System

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

System description

The door assemblies are open in or open out, hinged on outer frame or mullion, galvanized steel skins with a polyurethane core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold and fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3* protection. Doors are classified D.

Hardware Options

Hinges: Yale Steel fixed pin (Outward Opening)
Yale Steel loose pin (Inward Opening)
Nico Steel fixed pin butt hinge (Outward Opening)
Nico Steel loose pin (Inward Opening)
IG Doors Lift- Off adjustable and non-adjustable (Inward and Outward Opening)

Locking system: ERA, Yale or UAP220 Multipoint lock
ERA GU Electronic MPL

Thresholds: MDS25/MDS150
Exitex MXS15-2 Open-in threshold
Exitex OUM5 Open-out threshold

Performance classifications as determined by BS 6375 Part 2

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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HFD Composite Residential Door System

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

System description

The door assemblies are open in or open out, hinged on outer frame or mullion, galvanized steel skins with a polyurethane core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3* protection. Doors are classified D.

Hardware Options

Hinges: Yale Steel fixed pin (Outward Opening)
Yale Steel loose pin (Inward Opening)
Nico Steel fixed pin butt hinge (Outward Opening)
Nico Steel loose pin (Inward Opening)
IG DoorsLift- Off adjustable and non adjustable (Inward and Outward Opening)

Locking system: ERA Multipoint lock
Yale Multipoint lock
ERA GU Electronic MPL

Thresholds: MDS25 / MDS150
Exitex MXS15-2 Open-in threshold
Exitex OUM5 Open-out threshold

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A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 600236

HD and HFD Composite Residential Door Systems Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf door in PVC-U frame	1024	2100	Class1	Class 2A	Class A2	800X
Single leaf door in PVC-U frame IG Doors Lift off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Single leaf door in Timber frame	1048	2100	Class 1	Class 2A	Class A2	800X
Doors with (coupled or integral) side panel(s)	2100	2100	Class 1	Class 2A	Class A2	800X
Doors with (coupled or integral) side panel & fanlight(s)	2100	2500	Class 1	Class 2A	Class A2	800X

This Kitemark Licence covers the general and enhanced security performances of all doorsets detailed but DOES NOT COVER FIRE RESISTANCE CLASSIFICATION for any fire doors included

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Kitemark™ Certificate

No. KM 600236

BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

HNG Composite Residential Door System

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

System description

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a polyurethane foam core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood, or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum,, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. . Handle and cylinder combinations to give minimum 3* protection. Doors are classified D.

Hardware Options

Hinges:

Yale Steel fixed pin (Outward Opening)
Yale Steel loose pin (Inward Opening)
Nico Load Pro adjustable hinge
Nico Steel fixed pin butt hinge (Outward Opening)
Nico Steel loose pin (Inward Opening)
Trojan 3D (Inward and Outward Opening)
IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening)
UAP adjustable hinges

Locking system:

ERA, Yale, Winkhaus Trulock, or UAP220 Multipoint lock
Winkhaus AV2 Espagnolette
ERA GU Electronic MPL

Thresholds:

MDS25 / MDS150
Exitex MXS15-2 Open-in threshold
Exitex OUM5 Open-out threshold

Performance classifications as determined by BS 6375 Part 2

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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HFNG Composite Residential Door System

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

System description

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a Phenolic foam core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), softwood or a hardwood timber outer frame, (screw fixed, TriSys® or I G Design system) cassette glazed with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3* protection. Doors are classified D.

Hardware Options

Hinges:

Yale Steel fixed pin (Outward Opening)
Yale Steel loose pin (Inward Opening)
Nico Steel fixed pin butt hinge (Outward Opening)
Nico Steel loose pin (Inward Opening)
Trojan 3D (Inward and Outward Opening)
IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening)

Locking system:

ERA Multipoint lock
Yale Multipoint lock
Winkhaus AV2 Espagnolette
Winkhaus Trulock MPL
ERA GU Electronic MPL

Thresholds:

MDS25 / MDS150
Exitex MXS15-2 Open-in threshold
Exitex OUM5 Open-out threshold

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HNG and HFNG Composite Residential Door Systems

Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf frame Open Out	1024	2100	Class 3	Class 4A	Class A3	1200
Single leaf frame Open In	1024	2100	Class 4	Class 2A	Class A2	800
Single leaf PVC-U frame Open In	1048	2100	Class1	Class 2A	Class A2	800X
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s)	2100	2100	Class 3	Class 4A	Class A3	1200
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 3	Class 4A	Class A3	1200
Open In with (coupled or integral) side panel(s)	2100	2100	Class 4	Class 2A	Class A2	800
Open In with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 4	Class 2A	Class A2	800

This Kitemark Licence covers the general and enhanced security performances of all doorsets detailed but DOES NOT COVER FIRE RESISTANCE CLASSIFICATION for any fire doors included

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HTR Composite Residential Door System

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

System description

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a polyurethane foam core, fitted in a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3* protection. Doors are classified D.

Hardware Options

Hinges: Trojan 3D (Inward and Outward Opening)
Nico Load Pro adjustable hinge
IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening)
UAP adjustable hinges

Locking system: ERA, UAP220 Multipoint lock
Winkhaus AV2 Espagnolette
Winkhaus Trulock MPL

Thresholds: MDS25 / MDS150
Exitex MXS15-2 Open-in threshold
Exitex OUM5 Open-out threshold

Ancillaries: KfV Dog Bolts

Performance classifications as determined by BS 6375 Part 2

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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HTR Composite Residential Door Systems

Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf frame Open Out	1024	2100	Class 3	Class 4A	Class A3	1200
Single leaf frame Open In	1024	2100	Class 4	Class 2A	Class A2	800
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 3	Class 4A	Class A3	1200
Open In with (coupled or integral) side panel(s)	2100	2100	Class 4	Class 2A	Class A2	800
Open In with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 4	Class 2A	Class A2	800

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